

Message Text

CONFIDENTIAL

PAGE 01 STATE 208096

67

ORIGIN SY-07

INFO OCT-01 EA-07 ISO-00 /015 R

DRAFTED BY A/SY/FO:BWSCHAUMBURG:JP
APPROVED BY A/SY/FO - VERNE F. ST. MARS
A/SY/FO - JTSHEELY
EA/K - JDFORBES

----- 094885

P 202110Z SEP 74
FM SECSTATE WASHDC
TO AMEMBASSY SEOUL PRIORITY

C O N F I D E N T I A L STATE 208096

E.O. 11652: GDS
TAGS: PINS, BEXP, KS
SUBJECT: BULLET-PROOF SHIELD FOR PRESIDENT PARK

ATTN: RSO FROM SY/FO

REF: SEOUL 6245

1. PDC IS ENCLOSING ALL AVAILABLE TEST DATA ON SEOUL ARMORED GLASS WITH SHIPMENT.
2. ARMY MATERIALS AND MECHANICS RESEARCH CENTER (AMMRC) PUBLICATION DESCRIBES V-50 TEST METHOD AS FOLLOWS:

QUOTE. WHEN CONDUCTING A PBL V-50 TEST, A COMPLETE PENE-
TRATION OCCURS WHENEVER A FRAGMENT OR FRAGMENTS FROM EITHER
THE IMPACTING PROJECTILE OR ARMOR ARE CAUSED TO BE EJECTED
FROM THE BACK OF THE ARMOR WITH SUFFICIENT REMAINING
ENERGY TO PIERCE A 0.020 INCH THICK 2024 T3 ALUMINUM ALLOY
SHEET PLACED PARALLEL TO AND 6 INCHES BEHIND THE TARGET.
ANY FAIR IMPACT WHICH REBOUNDS FROM THE ARMOR PLATE AND
REMAINS EMBEDDED IN THE TARGET, OR PASSES THROUGH THE
TARGET, BUT WITH INSUFFICIENT ENERGY TO PIERCE A 0.020
INCH THICK ALUMINUM WITNESS PLATE, IS TERMED A PARTIAL
PENETRATION. EMPLOYING THE ABOVE CRITERIA, A BALLISTIC
CONFIDENTIAL

CONFIDENTIAL

PAGE 02 STATE 208096

LIMIT CAN BE DEFINED AS A STRIKING ELEMENT OF A KINETIC-

ENERGY FRAGMENT OR PROJECTILE BELOW WHICH PARTIAL PENETRA-

TIONS OF THE ARMOR WILL PREDOMINATE. THIS VELOCITY IS
GENERALLY EXPRESSED AS PROTECTION (V-50) BALLISTIC LIMIT,
AND IS A CRITICAL VELOCITY AT WHICH 50 PER CENT COMPLETE
PENETRATIONS AND 50 PER CENT PARTIAL PENETRATIONS OF THE
ARMOR TARGET CAN BE EXPECTED UNQUOTE.

3. THE V-50 TEST METHOD AS DESCRIBED ABOVE WAS NOT PER-
FORMED ON PDC'S ARMORED GLASS PRODUCTS. PDC TESTED THEIR
ARMORED GLASS USING A 30-06 RIFLE WITH BALL AMMUNITION.
THREE SHOTS WERE PLACED WITHIN AN EIGHT (8) INCH CIRCLE
FROM A DISTANCE OF APPROXIMATELY 75 FEET. NO PENETRATION
OR SPALL OCCURRED.

4. SY/FO WOULD APPRECIATE RECEIVING DATA FROM ANY TESTS
PERFORMED BY KOREAN AUTHORITIES. DETAILS OF TEST
METHODS SHOULD BE INCLUDED. KISSINGER

CONFIDENTIAL

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: PROCUREMENT, PROTECTIVE SECURITY, PRESIDENT, GLASS
Control Number: n/a
Copy: SINGLE
Draft Date: 20 SEP 1974
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Authority: cunninfx
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 28 MAY 2004
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1974STATE208096
Document Source: CORE
Document Unique ID: 00
Drafter: BWSCHAUMBURG:JP
Enclosure: n/a
Executive Order: GS
Errors: N/A
Film Number: D740265-0413
From: STATE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1974/newtext/t19740926/aaaaavyn.tel
Line Count: 79
Locator: TEXT ON-LINE, ON MICROFILM
Office: ORIGIN SY
Original Classification: CONFIDENTIAL
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 2
Previous Channel Indicators: n/a
Previous Classification: CONFIDENTIAL
Previous Handling Restrictions: n/a
Reference: SEOUL 6245
Review Action: RELEASED, APPROVED
Review Authority: cunninfx
Review Comment: n/a
Review Content Flags:
Review Date: 07 AUG 2002
Review Event:
Review Exemptions: n/a
Review History: RELEASED <07-Aug-2002 by kelleyw0>; APPROVED <06 MAR 2003 by cunninfx>
Review Markings:

Declassified/Released
US Department of State
EO Systematic Review
30 JUN 2005

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: BULLET-PROOF SHIELD FOR PRESIDENT PARK ATTN: RSO FROM SY/FO
TAGS: PINS, BEXP, KS, PROTECTIVE DEVICES CORPORATION, (PARK CHUNG-HEE)
To: SEOUL
Type: TE
Markings: Declassified/Released US Department of State EO Systematic Review 30 JUN 2005